

Schedule

Electrical Safety Systems in the Asia-Pacific 26-30 March 2001

Monday, 26 March 2001

Administration Bldg. 101, Lecture Room - B

OPENING

8:00 AM Bus pick-up from Hotel

8:45-8:55 AM Administrative Needs

8:55-9:30 AM Welcome and Introductions
Richard F. Kayser, Director
Technology Services, NIST

Walter G. Leight, Deputy Director
Office of Standards Services, NIST

ELECTRICAL INSTALLATION CODES

9:30-10:45 AM Historical Perspective of Electrical Safety Systems
Ray Jones, Principal Consultant
Electrical Safety Consulting Services

10:45-11:00 AM BREAK - All refreshments throughout the workshop provided by
the Institute of Electrical and Electronics Engineers (IEEE)

11:00-11:15 AM Group Photo – NIST Lobby

11:15 AM Depart for Restaurant

11:30 AM-1:00 PM Welcome Lunch - Hosted by Intertek Testing Services (ITS)
Summit Station Restaurant
Gaithersburg, Maryland

1:00 PM Return to NIST

Electrical Codes in the Invited Economies
Moderator: Mark W. Earley, Assistant Vice President Engineering
National Fire Protection Association, International (NFPA)

1:25-1:30 PM Opening Remarks

	Mark Earley
1:30-1:50 PM	Australia Roger Sharp, Engineering Manager Stowe Australia
1:50-2:10 PM	Hong Kong, China Chun-Kay Lau, President Hong Kong Electrical Contractors' Association Ltd.
2:10-2:30 PM	New Zealand Raymond Barbara, General Manager Electrical Contractors Association of New Zealand (ECANZ)
2:30-2:50 PM	Japan Shigetomi Murakoshi, Manager and Senior Engineer Matsushita Electric Works, Ltd.
2:50-3:10 PM	Republic of Korea Young-Ki Chung, President UI-JAE Elect Research Institute
3:10- 3:30 PM	Taiwan Cheng-Chang Lee, Project Engineer Energy Commission, Ministry of Economic Affairs
3:30-3:50 PM	U.S. Mark Earley
3:50-4:15 PM	BREAK
4:15-5:00 PM	<u>Panel Discussion and Dialogue</u> Moderator: Mark Earley
5:00 PM	Depart for Hotel

Tuesday, 27 March 2001

Administration Bldg. 101, Lecture Room - B

8:00 AM Bus pick-up from Hotel

ELECTRICAL PRODUCT STANDARDS

8:45-10:00 AM	<p><u>Historical Perspective on Standards Development</u> Jane Schweiker, Director Government and Organization Relations American National Standards Institute (ANSI)</p> <p>Robert Williams, Global Programs Manager - Standards Underwriters Laboratories, Inc. (UL)</p> <p>Frank Kitzantides, Vice President, Engineering National Electrical Manufacturers Association (NEMA)</p> <p><u>Standards Development in the Invited Economies</u> Moderator: Gary Kushnier, Vice President for International Affairs, American National Standards Institute (ANSI)</p>
10:00-10:05 AM	<p>Opening Remarks Gary Kushnier</p>
10:05-10:25 AM	<p>Republic of Korea Yun Soo Park, Deputy Director, Product Safety Division Korean Agency for Technology and Standards (KATS)</p> <p>Yong Hyun Lee, Researcher, International Standards Division Korean Agency for Technology and Standards (KATS)</p>
10:25-10:45 AM	<p>New Zealand Peter J. Morfee, Principal Technical Advisor Ministry of Economic Development</p>
10:45-11:05 AM	<p>BREAK</p>
11:05-11:25 AM	<p>Taiwan Kuo-Ming Lin, Specialist Bureau of Standards, Metrology and Inspection</p>
11:25-11:45 AM	<p>Hong Kong, China Nigel Cheung, Chairman Hong Kong Association of Certification Laboratories Ltd.</p>
11:45AM -12:05 PM	<p>Japan Katsuya Okano, Deputy Director, International Standards Division Ministry of Economy, Trade and Industry</p>
12:05 -12:25 PM	<p>Australia</p>

Bryan Douglas, Deputy Executive Director
Australian Electrical and Electronic Manufacturers'
Association, Ltd.

12:25-12:45 PM	U.S. Frank Kitzantides
12:45-2:00 PM	LUNCH – NIST Cafeteria
2:00-3:00 PM	<u>Panel Discussion and Dialogue</u> Moderator: Gary Kushnier
3:00-4:00 PM	<u>Discussion: Collaboration in International Standards Development</u> Moderator: Gary Kushnier
4:00-5:00 PM	<u>Ground Fault Circuit Interrupters (GFCI):</u> <u>A Practical Example of How Standards Can Affect Safety</u> William King, Chief Engineer for Electrical and Fire Safety Consumer Product Safety Commission (CPSC)
5:00 PM	Depart for Reception
6:00 PM	Reception - Hosted by the National Electrical Manufacturers Association (NEMA) National Electrical Manufacturers Association Rosslyn, Virginia

Wednesday, 28 March 2001

Administration Bldg. 101, Lecture Room - B

8:00 AM Bus pick up from hotel

ELECTRICAL PRODUCT TESTING AND CERTIFICATION

8:45-10:00 AM Accreditation and Certification Schemes
Leonard Frier, Director
MET Laboratories, Inc (MET)

Paul Moliksi, Director of Accreditation
Intertek Testing Services (ITS)

10:00 – 10:15 AM BREAK

Product Testing and Certification in the Invited Economies
Moderator: Ronald Lai, Director of Engineering Services and
Standards
FCI Connectors

10:15-10:20 AM Opening Remarks
Ronald Lai

10:20-10:40AM Japan
Kenji Fukasawa, Assistant Manager
Japan Quality Assurance Organization

10:40-11:00 AM Taiwan
Kuo-Ming Lin

11:00-11:20 AM Australia
Helen Liddy, International Projects Manager
National Association of Testing Authorities (NATA), Australia

11:20-11:40 AM Republic of Korea
Gwang Yeol Park, Senior Researcher
Korea Testing Laboratory

11:40-12:00 AM Hong Kong, China
Richard Fung, Managing Director
Hong Kong Standards and Testing Centre

12:00 AM-12:20 PM New Zealand

Graham Moffat, Principal Technical Advisor
PDL Industries Limited

12:20-12:40 PM U.S.
Gordon Gillerman, Manager, Governmental Affairs
Underwriters Laboratories Inc.

12:40-1:45 PM LUNCH- NIST Cafeteria

1:45-2:30 PM Panel Discussion and Dialogue
Moderator: Ronald Lai

ELECTRICAL INSPECTION AND ENFORCEMENT

2:30-3:30 PM Developments in Installation, Inspection and Enforcement
Larry Brown, Program Manager
International Code Council (ICC)

3:30 – 3:45 PM BREAK

PATHWAYS TO THE MARKETPLACE

3:45-5:15 PM Asia-Pacific Economic Cooperation (APEC) Electrical and
Electronic Equipment Mutual Recognition Arrangement (MRA)
Moderator: Peter Morfee

5:15 PM Depart for Hotel

Thursday, 29 March 2001

Administration Bldg. 101, Lecture Room - B

7:30 AM Bus pick up from Hotel

ELECTRICAL INSPECTION AND ENFORCEMENT continued

Inspection and Enforcement Processes in the Invited Economies

Moderator: Phillip Cox, Executive Director
International Association of Electrical Inspectors (IAEI)

8:15-8:20 AM	Opening Remarks Phillip Cox
8:20-8:40 AM	New Zealand Peter Morfee
8:40-9:00 AM	Republic of Korea Johng Sok Kim, Technical Advisor Korea Testing Laboratory
9:00-9:20 AM	Hong Kong, China Chun-Kay Lau
9:20-9:40 AM	Australia Ian Graham, Chief Electrical Inspector Office of the Chief Electrical Inspector
9:40-10:00 AM	Taiwan Hua-Tsung Su, Chief of Transformer Section Taiwan Power Company
10:00-10:20 AM	U.S. Phil Cox
10:20-10:40 AM	BREAK
10:40-11:30 AM	<u>Panel Discussion and Dialogue</u> Moderator: Phil Cox
11:30 AM-12:00 PM	<u>Site Visit Preparation</u>
12:00-1:00 PM	LUNCH – NIST Cafeteria
1:00 PM	Depart for Construction Site Visit

1:30-4:30 PM	SITE VISIT
4:30 PM	Depart for Hotel
6:30 PM	Farewell Dinner - Hosted by the National Fire Protection Association (NFPA) and Underwriters Laboratories, Inc. (UL) Holiday Inn Bethesda Bethesda, Maryland

Friday, 30 March 2001

Administration Bldg. 101, Lecture Room - B

8:15 AM Bus pick-up from hotel

WRAP UP

9:00-9:15 AM Closing Remarks
Belinda Collins, Director
Office of Standards Services, NIST

9:15 AM-12:30 PM Participant Forum and Discussion
Moderator: Gene Eckhart, Director, Global Standardization
Programs, National Electrical Manufacturers Association (NEMA)

- Country presentations of future trends and expectations
- Greater regional cooperation in the electrical safety area
- Action items

12:30 PM Departure